VAIL HEALTH

SION60

VAIL HEALTH CASE STUDY

Pollution Reduction with a Data Driven Approach

With a mission to revolutionize healthcare for mountain communities, Vail Health blends innovation with sustainability, ensuring that world-class medical care goes hand-in-hand with environmental stewardship.

SION60 ANALYSIS

2024 Carbon Pollution (metric tons of CO2)

Scope 1 Gas, Fuels, Anesthesia	7,156
Scope 2 Electricity	12,510
Hospital Adjusted Admissions (AA)	4,000
Emissions per AA	4.9

NEXT STEPS

Vail Health identified several future projects:

- Align with state energy reduction requirements
- Distribute a staff survey to calibrate Green Team projects
- Partner with utilities to reduce long term costs and emissions

"Imprioving innovation in our sustainabilty pillar is important to our community, patients and employees.

Nico Brown
SVP, Vail Health

ESTABLISHING A CARBON POLLUTION BASELINE

Vail Health has embarked on numerous pollution reduction projects over the past several years, including reducing landfill waste, increasing composting, and participating in Vail Village and State of Colorado energy reduction projects. Establishing a carbon pollution baseline was essential to their future data-driven efforts.

In March 2024, Vail Health partnered with SION60 to establish a carbon emissions baseline, identifying opportunities to reduce their pollution. SION60 and Vail completed an interface to Energy Star Portfolio Manager to automatically interface data from facility energy invoices. Anesthesia, gas and fleet fuel consumption were also measured. SION60's software, built on the foundation of the Greenhouse Protocol, EPA and Joint Commission standards, simplified difficult measurements.

RESULTS: This analysis confirmed and highlighted the opportunity to focus pollution-reducing projects on Scope 1 and Scope 2 emissions. Vail Health now has the data to measure their impact moving forward.

RETROFIT PROJECTS

Vail Health reviewed 18 energy-saving retrofit projects automatically generated by SION60's software. Vail Health is currently evaluating the projects against Colorado's state energy reduction requirements, and is proceeding forward with several they have identified as reducing energy consumption.

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